

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent application of: ROBERT ALVIN MOHROR

For: INBRED MAIZE LINE PH48V

the specification of which is being transmitted herewith.

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

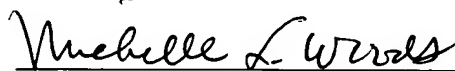
Attached are copies of PTO 1449A and PTO-892 listing the relevant art known to the applicant herein. The Examiner is requested to consider the references and make them of record. This application relies, under 35 U.S.C. § 120, on the earlier filing date of prior application Serial No. 09/758,802, filed on January 11, 2001. Each of the references listed on Forms PTO 1449A and PTO-892 were submitted to, and/or cited by, the Patent Office in the prior application(s) and, therefore, are not required to be provided in this application.

Applicant discloses herewith patents, publications or other information, of which he is aware that he believes may be material to the examination of this application, and in respect of which, there may be a duty to disclose. Legible copies of all items listed in Forms PTO/SB/08A

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Michelle L. Woods  
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and 08B (formerly Form PTO-1449) accompany this information statement, except those identified above.

The filing of this information disclosure statement shall not be construed as a representation that a search has been made (37 C.F.R. § 1.97(g)), an admission that the information cited is, or is considered to be, material to patentability, or that no other material information exists.

The filing of this information disclosure statement shall not be construed as an admission against interest in any manner. (Notice of January 9, 1992, 1135 O.G. 13-25, at 25.)

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Lila A. T. Akrad". The signature is fluid and cursive, with a large initial "L" and a stylized "A".

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- mlw -

Attorneys of Record

Form PTO 1449-A				ATTY. DOCKET NO. <b>1203</b>		Application No. <b>09/490,666</b>	
INFORMATION DISCLOSURE CITATION				Applicant <b>Robert A. Mohror</b>			
(Use several sheets if necessary)				Filing Date <b>January 24, 2000</b>		Group Art Unit	
<b>U.S. &amp; FOREIGN PATENT DOCUMENTS</b>							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME			CLASS	SUB CLA SS
	1 6 0 3 9 0					EP	11/6/85
<b>OTHER DOCUMENTS</b> (Including Author, Title, Date, Pertinent Pages, Etc.)							
A1	Conger, B.V., et al. (1987) "Somatic Embryogenesis From Cultured Leaf Segments of <i>Zea Mays</i> ", <u>Plant Cell Reports</u> , 6:345-347.						
A2	Duncan, D.R., et al. (1985) "The Production of Callus Capable of Plant Regeneration From Immature Embryos of Numerous <i>Zea Mays</i> Genotypes", <u>Planta</u> , 165:322-332.						
A3	Edallo, et al. (1981) "Chromosomal Variation and Frequency of Spontaneous Mutation Associated with <i>in Vitro</i> Culture and Plant Regeneration in Maize", <u>Maydica</u> , XXVI: 39-56.						
A4	Green, et al., (1975) "Plant Regeneration From Tissue Cultures of Maize", <u>Crop Science</u> , Vol. 15, pp. 417-421.						
A5	Green, C.E., et al. (1982) "Plant Regeneration in Tissue Cultures of Maize" <u>Maize for Biological Research</u> , pp. 367-372.						
A6	Hallauer, A.R. et al. (1988) "Corn Breeding" <u>Corn and Corn Improvement</u> , No. 18, pp. 463-481.						
A7	Meghji, M.R., et al. (1984). "Inbreeding Depression, Inbred & Hybrid Grain Yields, and Other Traits of Maize Genotypes Representing Three Eras", <u>Crop Science</u> , Vol. 24, pp. 545-549.						
A8	Phillips, et al. (1988) "Cell/Tissue Culture and In Vitro Manipulation", <u>Corn &amp; Corn Improvement</u> , 3rd Ed., ASA Publication, No. 18, pp. 345-387.						
A9	Poehlman et al., (1995) <u>Breeding Field Crop</u> , 4th Ed., Iowa State University Press, Ames, IA., pp. 132-155 and 321-344.						
A10	Rao, K.V., et al., (1986) "Somatic Embryogenesis in Glume Callus Cultures", <u>Maize Genetics Cooperative Newsletter</u> , No. 60, pp. 64-65						
A11	Sass, John F. (1977) "Morphology", <u>Corn &amp; Corn Improvement</u> , ASA Publication. Madison, Wisconsin, pp. 89-109.						
A12	Songstad, D.D. et al. (1988) "Effect of ACC (1-aminocyclopropane-1-carboxylic acid), Silver Nitrate & Norbonadiene on Plant Regeneration From Maize Callus Cultures", <u>Plant Cell Reports</u> , 7:262-265.						
A13	Tomes, et al. (1985) "The Effect of Parental Genotype on Initiation of Embryogenic Callus From Elite Maize ( <i>Zea Mays</i> L.) Germplasm", <u>Theor. Appl. Genet.</u> , Vol. 70, p. 505-509.						
A14	Troyer, et al. (1985) "Selection for Early Flowering in Corn: 10 Late Synthetics", <u>Crop Science</u> , Vol. 25, pp. 695-697.						
A15	Umbeck, et al. (1983) "Reversion of Male-Sterile T-Cytoplasm Maize to Male Fertility in Tissue Culture", <u>Crop Science</u> , Vol. 23, pp. 584-588.						
A16	Wright, Harold (1980) "Commercial Hybrid Seed Production", <u>Hybridization of Crop Plants</u> , Ch. 8: 161-176.						
A17	Wych, Robert D. (1988) "Production of Hybrid Seed", <u>Corn and Corn Improvement</u> , Ch. 9, pp. 565-607.						
A18	Lee, Michael (1994) "Inbred Lines of Maize and Their Molecular Markers", <u>The Maize Handbook</u> Ch. 65:423-432						
A19	Boppenmaier, et al., "Comparisons Among Strains of Inbreds for RFLPs", <u>Maize Genetics Cooperative Newsletter</u> , 65:1991, pg. 90						
A20	Smith, J.S.C., et al., "The Identification of Female Selfs in Hybrid Maize: A Comparison Using Electrophoresis and Morphology", <u>Seed Science and Technology</u> 14, 1-8						
EXAMINER				DATE CONSIDERED			
*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.							

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# Notice of References Cited

Application No.

09/490,666

Applicant(s)

Mohr

Examiner

FOX

Group Art Unit

6638

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## U.S. PATENT DOCUMENTS

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A					
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## FOREIGN PATENT DOCUMENTS

*	DOCUMENT NO.	DATE	COUNTRY	NAME	CLASS	SUBCLASS
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O						
P						
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R						
S						
T						

## NON-PATENT DOCUMENTS

	DOCUMENT (Including Author, Title, Source, and Pertinent Pages)	DATE
U	Fehr, W. R. pp. 261-286 In: Principles of Cultivar Development, Vol. 1, Macmillan Publishing Co.: New York	1988
V		
W		
X		

\* A copy of this reference is not being furnished with this Office action.  
(See Manual of Patent Examining Procedure, Section 707.05(a).)

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<b>Notice of References Cited</b>	Application N . <b>09/490,666</b>	Applicant(s) <b>Mohr</b>	
	Examiner <b>Fox</b>	Group Art Unit <b>1638</b>	Page <b>1</b> of <b>1</b>

**U.S. PATENT DOCUMENTS**

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**NON-PATENT DOCUMENTS**

*		DOCUMENT (Including Author, Title, Source, and Pertinent Pages)	DATE
	U	"Essentially Derived Variety" - Definition on UPOV website, www.upov.org	2003
	V	UPOV Publication No. 644(E), Section I, pages 7-8	1991
	W		
	X		

\* A copy of this reference is not being furnished with this Office action.  
(See Manual of Patent Examining Procedure, Section 707.05(a).)

**Notice of References Cited**

Application/Control No.

09/490,666

Applicant(s)/Patent Under

Reexamination

MOHROR, ROBERT ALVIN

Examiner

David T. Fox

Art Unit

1638

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**U.S. PATENT DOCUMENTS**

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
	A	US-			
	B	US-			
	C	US-			
	D	US-			
	E	US-			
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	G	US-			
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**FOREIGN PATENT DOCUMENTS**

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
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	Q					
	R					
	S					
	T					

**NON-PATENT DOCUMENTS**

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
*	U	Openshaw et al. pages 41-43 In: Proc. Symp. Anal. Molec. Data, August 1994, Crop Sci. Soc. Amer.: Corvallis
	V	
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\*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)  
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

**STATEMENT UNDER 37 CFR 3.73(b)**Applicant/Patent Owner: Robert Alvin MohrorApplication No./Patent No.: 09/490,666Filed/Issue Date: January 24, 2000Entitled: INBRED MAIZE LINE PH48VPioneer Hi-Bred International, Inc., a corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

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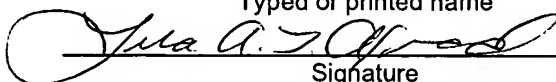
- [ ] Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

1/12/2004  
DateLILA A. T. AKRAD

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Attorney, Reg. No. 52,550

Title